

IN THE CLAIMS

Please amend the claims to read as follows:

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B1
1. (Amended) ~~A network address translation device for facilitating message packet~~
communication between a first application in a first address realm and a second application in a
second address realm comprising:
an address translator for translating an address valid in the first address realm into an address
valid in the second address realm based on a translation rule and for translating the address valid
in the second address realm into the address valid in the first address realm;
an address manager for establishing a translation rule by associating an address valid in the first
address realm with an address valid in the second address realm; and
a control channel communicating with the address manager for receiving from the first
application a service request message for an address valid in the second address realm to be
associated with a specified address valid in the first address realm and for providing the first
application access to the requested address valid in the second address realm to facilitate the first
application's communication of the address valid in the second address realm as message packet
data to the second application.

a3
7. (Amended) The network address translation device of claim 1, wherein the address manager
controls address translation by establishing rules for the translation of address information in an
inbound message packet to occur or not occur in response to the presence or absence of specified
originating address information in the message packet.

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Sub B2
15. (Amended) A method for facilitating message packet communication between a first application in a first address realm and a second application in a second address realm comprising:

providing the first address realm with a network address translation device having an address translator for translating an address valid in the first address realm into an address valid in the second address realm based on a translation rule and for translating the address valid in the second address realm into the address valid in the first address realm;

providing an address manager in communication with the address translator for establishing a translation rule by associating an address valid in the first address realm with an address valid in the second address realm;

providing a control channel communicating with the address manager;

receiving at the address manager from the first application a service request message for an address valid in the second address realm to be associated with a specified address valid in the first address realm;

and

providing the first application access to the address valid in the second address realm to facilitate the first application's communication of the address valid in the second address realm as message packet data to the second application.

16. (Amended) The method of claim 15 wherein the step of receiving a request for an address valid in the second address realm comprises receiving a request by the first application for a terminating address.

24 17. (Amended) The method of claim 15 wherein the step of receiving a request for an address valid in the second address realm comprises receiving a request by the first application for an originating address.

25 30. (Amended) A system for establishing message packet communication between a first application in a first address realm and a second application in a second address realm, wherein the first address realm has an address translator for translating an address valid in the first address realm into an address valid in the second address realm based on a translation rule and for translating the address valid in the second address realm into the address valid in the first realm, comprising:

an address manager for establishing a translation rule by associating an address valid in the first address realm with an address valid in the second address realm;

a control channel communicating with the address manager; and

software operatively associated with the first application for communicating to the address

manager a service request message for an address valid in the second address realm to be

associated with a specified address valid in the first address realm, for receiving access to the

requested address valid in the second address realm, and communicating the address valid in the

second address realm as message packet data to the second application.

Please renumber claims 38-44 as 37-43, as indicated:

37. The system of claim 30, wherein the address manager controls address translation by establishing rules for the translation of address information in an inbound message packet

whereby translation occurs under a first rule or under a second rule in response to the presence or absence of specified originating address information in the message packet.

38. The system of claim 30, wherein the communication facilitated is peer-to-peer application communication.

39. The system device of claim 30, wherein the address translator performs translation with a rule stored in memory accessible by the address translator.

40. The system of claim 30, wherein the address manager establishes a rule stored in memory accessible by the address translator.

41. The system of claim 30, wherein at least one translation rule is a rule pairing an address in the first address realm with an address in the second address realm.

42. The system of claim 30, wherein the address manager establishes a translation rule that forces an association with a destination address in a transit network.

43. The method of claim 30, wherein the address manager establishes a translation rule that forces at least a portion of the communication between the first application and the second application to pass through a specified network.

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